

IIF-WR Activity Report
1st July, 2024 – 31st May, 2025

Theme of the Year:



Mr. Saibal Sen
Chairman – IIF WR



Mr. Atin Jain
Vice Chairman – IIF WR



Mr. Mahesh Date
Hon. Secretary – IIF WR



Mrs. Ruma Rao
Hon. Treasurer – IIF WR

Chairman	: Saibal Sen - Pune
Vice Chairman	: Atin Jain – Indore
Hon. Secretary	: Mahesh Date - Kolhapur
Hon. Treasurer	: Ruma Rao – Greater Mumbai

Yearly Project for the Year 2024-25

Prayas Continuing the current National Theme of *United India United Foundrymen*

- Prayas is an Effort Eliminating the Regional Boundaries for a Better future of Indian Foundries
- Eklavya Project
- Technical Event
- YogyataVikas Workshop
- WESCON 2024
- One day Seminar
- Urja Sanchay Project
- Works Visit
- 73nd IFC / IFEX 2024
- Chapter Day Celebration
- 64th Annual Regional meeting

1. Western Region's Minutes of the 1st Council meeting on 25th May, 2024 at Hotel Sayaji, Pune. 29 Members attended.

- WR Chairman Mr. Saibal Sen welcomed all the council members for the 1st WR council meeting for the year 2024-25.
- To Co-opt members to the Council:
 - a. Mr. Probal Sen, IIF Pune Chapter
 - b. Mr. Rajendra Newadkar, IIF Pune Chapter
 - c. Mr. Sameer Parekh, IIF Kolhapur Chapterwas co-opted as council members of WR for the year 2024-25.
- Mr. Mahesh Date read out the activity Calendar in brief in front of all the council member. Saibal Sen informed that the calendar will be shared to all the Chapter chairman. For any changes or any suggestions, they can get back to Saibal Sen Sir.
- Mr. Saibel Sen Said budget will be shared in next Council meeting.
- Vote of thanks: WR Hon. Secretary Mr. Mahesh Date thanked all Past President, Past Chairman the Chapter office bearers for participating in the 1st Council meeting.



**THE INSTITUTE
OF INDIAN
FOUNDRYMEN**

WESTERN

R E G I O N

706, Madhava, Bandra-Kurla Complex,
Bandra(E), Mumbai- 400051, India
Telephone: +91-22-26591308
Email: western.region@indianfoundry.org



FOUNDRY TALKS

FOR THE FOUNDRYMEN | BY THE FOUNDRYMEN

// IIF WR E-MAGAZINE

 **THE INSTITUTE
OF INDIAN
FOUNDRYMEN**
**WESTERN
REGION**

EDITION : JUNE 2024



DOWN THE MEMORY LANE

By
Subash Parthasarathy

RAW MATERIAL PRICE INDEX

By
Mahesh Datta

WORLD CLASS MANUFACTURING

By
Mahesh Datta

CONTINUOUS IMPROVEMENT

By
Vijayendra Kulkarni

THE TEKNOSEAL TSP99 ADVANTAGE!

By
Prabir Sen

BUILDING A FUTURE BEYOND ORDINARY

By
Sudip Sen

2. IIF – Western Region conducted training program visit the foundry on under 'Urja Sanchay Project' by Mr. Shyam Kulkarni, Metallurgical Engineer & Senior Foundrymen at Kolhapur Chapter on 6th August to 8th August 2024.

This year IIF Western Region started an initiative of Urja Sanchay project to help foundries across all chapters of WR. The main aim of this project is to enhance the productivity & efficiency of melting operations, leading to significant reduction in electricity bills. During this project IIF expert Mr. Shyam Kulkarni shall visit each chapter in WR for a 4 hours training / assessment session.

This initiative started from IIF Kolhapur Chapter. On 6th Aug. 2024 in post lunch session, Expert from IIF Western Region Mr. Shyam Kulkarni visited Menon & Menon Ltd. Kagal plant. In 1st hour he visited to melt shop for observations, study the existing Melting practices & checked all records. Next 1 hour he takes class room training with all the persons related to melt shop & gave the suggestions. And in last session of question & answers the expert clarified all the queries & doubts.

On 7th Aug. 2024, we have planned two Visits, 1st before lunch, expert Mr. Kulkarni visited M/s Sound Casting Pvt. Ltd. Unit- 3 situated at Kagal Five Star MIDC. And post lunch he visited plant of Magna Industries in Kagal.

On 8th Aug. 2024, two Visits were organized, in the morning session, expert Mr. Kulkarni visited M/s Engenius Foundry at Kagal. And in afternoon last visit of Caspro Metals Pvt. Ltd. Plant.

All the visited foundries were well appreciated this initiative by IIF Western Region.

Some foundries informed us that the Urja Sanchay Project will definitely helped us in discovering the strategies to boost productivity & achieve energy savings & lower electricity cost.



2A. Technical Workshop under Urja Sanchay Project by IIF Western Region on 'Enhancing Melting Efficiency/Productivity & Furnace Lining Practices'.

IIF – Western region & Kolhapur Chapter jointly conducted a technical workshop under Urja Sanchay Project on **"Enhancing Melting Efficiency/ Productivity & Furnance Lining Practice"** by Mr. Shyam Kulkarni on **6th August 2024 at SMAK Bhavan, Shirol MIDC, Kolhapur**. 165 Delegates attended this technical Workshop.

Every casting begins with molten metal & every foundry wants to make a profit. To melt metal, it requires energy and in the case of an induction furnace it means kilowatts. More efficiently one uses those kilowatts, lower is the costs & the greater is the profit. Keeping the above in mind IIF Western Region & IIF Kolhapur Chapter jointly organised this Technical Workshop under Urja Sanchay Project.

Speaker Mr. Sham Kulkarni, Metallurgical engineer. Associated with foundry industry since 1972. Worked with foundries namely PEFCO, Pune, Cooper, Satara, Godrej Steel Foundry, Mumbai, After this with Inductotherm & Electrotherm. Last 10 years guiding Induction Melting shops. 100+ foundries benefited by his experience.

He started his presentation with selection of Furnace. Then he gave some important tips to improve melting performance which are * Do not operate Furnace at lower Power * Always draw Full Power from beginning to end * Never allow any limit to appear * Always select correct size of Scrap * Do not calculate energy consumption of melt, on MSEB meter - must have separate energy meter for Induction Furnace * Do not keep furnace open during Melting - Provide Cerawool covers.

Then he gave practical tips on Lining. He told that do not increase lining thickness at bottom or sidewalls. Increase in lining means reducing capacity of furnace. While performing lining ensure each layer is not more than 50mm etc.

He appealed all the delegates to carefully study the Energy Bills & pay. Study, M.D. Charges, P.F. Energy consumption shiftwise etc. Lastly he told that **MELT FAST- POUR FAST -MELT SAFE -SAVE ENERGY -SAVE MONEY.**

All the delegates attended in record numbers appreciated Kolhapur Chapter & Western Region for organizing this very interactive & informative workshop. In the interactive session, participants queries were clarified by the speaker.

Mr. Abhishek Soni, Hon. Treasurer proposed vote of thanks.



3. Minutes of the 2nd Council Meeting (2024-25) on 14th August 2024 (Zoom)

• Welcome Address

Mr. Saibal Sen, WR Chairman, extended a warm welcome to all council members for the 2nd WR council meeting of the year 2024-25. He mentioned that an in-person meeting was originally scheduled to be held in Kolhapur but had to be postponed due to adverse weather conditions in Maharashtra.

• Review and Confirmation of Previous Minutes

Hon. Secretary, Mr. Mahesh Date, presented the minutes of the 1st Council meeting, which were subsequently approved. The motion was proposed by Mr. Ramchandra Dhumal and seconded by Mr. Kamlesh Patel.

• Discussion on Open Points from Previous Meetings:

- The budget for the year was presented by Mrs. Ruma Rao, with the exception of the Wescon budget,

which will be prepared separately. The WR Chairman noted that sponsorship of ₹5,00,000 has already been secured from Daka Monolithics Pvt. Ltd. and additional sponsorships are expected from Daily Pour and E Magazine. The presented budget was accepted and approved, with the motion proposed by Mr. Anant Bam and seconded by Mr. Rajesh Tanti.

- Ongoing efforts for upgrading the computer systems at the BKC Office were discussed, highlighting the need for some hardware improvements and the acquisition of necessary licenses.

• Reports & Initiatives from WR :

- A joint initiative between the Western Region and Kolhapur Chapter, the 'Urja Sanchay Project' led

by Mr. Shyam Kulkarni, involved the following foundries: M/s. Menon & Menon Ltd., M/s. Sound Casting Pvt. Ltd., M/s. Caspro Metal Industries Pvt. Ltd., M/s. EMKEY FOUNDERS AND METALLURGICALS, and M/s. EnGenius Metals Pvt. Ltd. A technical workshop on "Enhancing Melting Efficiency/Productivity & Furnace Lining Practices" was conducted on 6th August 2024 at SMAK Bhavan Kolhapur, attended by approximately 150 members, and sponsored by Daka Monolithics Pvt. Ltd.

- Upcoming events include NFD in various chapters and the continuation of the 'Urja Sanchay' program in September at Indore, with a repeat in Kolhapur, followed by other chapters.
- 'Yogyata Vikas' program approval has been received from Force Motors, Pune.
- An industrial visit under the 'Eklavya Project' for 70 students to Mahindra CIE is planned for August/September. Students will receive a small memento
- Additional industrial visits, including to Mahindra in Mumbai, are planned to coincide with the 3rd Council meeting in October, along with a visit by the Pune Chapter to Force Motors.
- Chapters are encouraged to coordinate for out-of-chapter industry visits to foster relationships and information exchange.
- An emphasis was placed on the E-magazine, focusing on Reach Connect Casting Technology and GMP, with hyperlinked company logos. Feedback on the magazine is encouraged.
- A poster on teamwork will be released, and all chapters are encouraged to conduct at least one

'Yogyata Vikas' program and one 'Eklavya' visit each quarter.

- **Membership Status**

WR Vice Chairman, Mr. Atin Jain, presented the membership chart. He highlighted the efforts made to connect with chapter chairmen to follow up on membership renewals. Of the 998 members, 908 have renewed their membership. Growth was noted in the Ahmedabad and Vadodara Chapters.

- **Wescon 2024**

It was decided that Wescon 2024 will be hosted by the Pune Chapter with the Indore Chapter as co-host. The event is tentatively scheduled for 17th & 18th December 2024 in Pune. The Indore Chapter will handle technical aspects, sponsorships, and delegate registrations, while the Pune Chapter will focus on organizing the venue, event mobilization, and entertainment for the Ladies' Group. All chapters are encouraged to support Wescon.

The OC team will be announced by the end of August or the first week of September.

- **Administrative Matters**

- The BKC Office computer system upgrade was revisited, and the office flooring work decision is expected by the end of the month, as informed by Mrs. Ruma Rao.
- The hiring of a PR agency was discussed to enhance visibility and membership growth. Committee consisting of Mr. Mahesh Date, Mr. Probal Sen, and Mrs. Ruma Rao was formed to decide on the PR agency within the budgeted amount. A resolution was passed to finalize the PR agency based on the committee's decision, with the motion proposed by Mr. Kamlesh Patel and seconded by Mr. Dhumal

- **Any Other Matters:**

Mr. Mahesh Date proposed Mr. Shyam Kulkarni's name for the CET Trainer's Training Program scheduled for 29th & 30th August 2024. WR may sponsor the training cost, and discussions are ongoing.

- **Vote of Thanks:**

The meeting concluded with a vote of thanks from Hon. Secretary, Mr. Mahesh Date, who expressed gratitude to all council members for their participation.

4. IIF- Western Region & Pune Chapter jointly celebrated 75th National Foundry Day was celebrated with the great enthusiasm on Saturday, 17th August 2024 at Hotel President Pune.

Over 95 family members of our chapter gathered in the evening to celebrate achievements of respective member's outstanding children, those completing 25 years of their membership. Further we all enjoyed entertainment program by our own members followed by sumptuous dinner.

MOC Mr. Probal Sen Invited all to occupy the chair followed by Welcome address by chairman, Lamp Lighting and felicitation of Chief Guest with a Bouquet, Display of IIF Film.

IIF 75th Lapel pin were provided to all members and our chief guest Mr. Prataprao Pawar, Eminent Industrialist & Chairman Sakal Group.

Chairman Ramchandra Dhumal welcomed everyone and felicitated outstanding students Aayush Wakte (CBSE 10th 91% from SNBP Rahatani School.), Poorva Bam ((CGPA 9.22.BSC Microbiology), Shrawani Sanjiwan Bhoite 12th Science class Maharashtra state board: 85.5%, and Chinmay Sanjiwan Bhoite 10th class CBSE board : 92%.

Kushal Worker Award was given to Mr. Mahadev M. Bandekar (Maint.) Vulkan Technologies Pvt. Ltd. and Best Practicing Foundrymen Award to Mr. Rahul Kumar (Associate) Taural India Pvt. Ltd., Chakan, Pune

This was followed by Felicitation of past office bearers of Pune Chapter present at the event, Felicitation of Women Entrepreneur – Mrs. Mukta Kulkarni

Ajay Syscon Pvt. Ltd., received the trophy from IIF on their completion of 25 years of membership.

Inauguration of opening of Technical Information Sheets.

Members enjoyed "Bhavtarang" a stage show of songs that was volunteered by Mrs. Vrunda Bam along with her daughter Poorva with music by Mr. Pradeep Nargund.

The event was concluded with a Cake cutting.

Vote of Thanks by Shirish Pingale with request to join the Dinner & Closing with National Anthem.

The celebration ended with a sumptuous Dinner.

Tree saplings were also distributed to all members, while they were leaving.



5. IIF – Western Region conducted training program visit the foundry on under 'Urja Sanchay Project' by Mr. Shyam Kulkarni, Metallurgical Engineer & Senior Foundrymen, Pune at Indore Chapter on 3rd September to 5th September 2024

This year IIF Western Region started an initiative of Urja Sanchay project to help foundries across all chapters of WR. The main aim of this project is to enhance the productivity & efficiency of melting operations, leading to significant reduction in electricity bills. During this project IIF expert Mr. Shyam Kulkarni shall visit each chapter in WR for a 4 hours training / assessment session.

This initiative started from IIF Indore Chapter. On 3rd Sept 2024 to 5th Sept 2024 Expert from IIF Western Region Mr. Shyam Kulkarni visited Indotech Industries I Private Limited Unit No II, Pioneer Engineering Industries Auto Casting Division, Jma Alloys, Mangla Enterprises Private Limited, Porwal Auto Components Ltd. He visited to melt shop for observations, study the existing Melting practices & checked all records. He takes class room training with all the persons related to melt shop & gave the suggestions. And in last session of question & answers the expert clarified all the queries & doubts.

Technical seminar was organized on Best Practices for Lining and Melting for Induction Furnace at Hotel Surya Indore with almost 44 members attended the seminar to take the benefit.

All the visited foundries were well appreciated this initiative by IIF Western Region.

Some foundries informed us that the Urja Sanchay Project will definitely helped us in discovering the strategies to boost productivity & achieve energy savings & lower electricity cost.



6. Western Region in association with IIF Pune Chapter organized a visit (under Eklavya Project) of Pimpri-Chinchwad College of Engineering, Mechanical Engineering Department Students to CIE India Automotive Ltd., Urse Gaon near Pune. This visit was organized in three batches of 25 students each on 14th September 2024.

The first batch of students reached to company at 9.30 am. Students were welcomed by Mr. Sanjay Waghulde (Member-IIFWR), Mr. Dhananjay Paranjpe (Council Member IIF Pune Chapter) and Mr. Deepak Bhadkamkar (Council Invitee IIF Pune Chapter). Mr. Sanjay Waghulde briefed students about IIF and its initiatives. As an activity to reach the academic community; all students were offered each a handout of IIF Membership benefits and a ballpen with IIF Logo.

Students were briefed about safety protocols and shown video profile of CIE India Automotive Ltd. at CIE-Gurukul training division. After ensuring that each student has helmet, safety goggles and shoes; students were taken to factory works floor area. Chandrakant Dabhade-Trainer and Siddhesh Khadekar-HR Assistant both from Gurukul accompanied students during their 3-batch groups visits. Students were briefed about foundry process/practices by round visit to core making, molding and pouring and machining shops. In depth insights about process were shared with the students; whose queries were well-answered by other Foundry Executives; as per eachone's operational responsibilities. The 3-batch visits ended with refreshments or lunch at proper timings in the company premises. Four faculty members and three laboratory assistants of PCCOE were also part of this visit. Plant head Mr. Sachin Naval also interacted with the students; who was felicitated with flower-bouquet & memento as appreciation.



7. Report of A Skill Development workshop under CET Yogyata Vikas Program was held at M/s. Force Motors Ltd on 16th September 2024.

Mr. Satish Sohoni conducted the workshop for more than 40 participants from the production, quality and procurement department. The discussion topics were "Metallurgy of Grey & S G Iron" and "Defects in Iron Castings & Remedies".



8. Signing of MoU During the workshop a Memorandum of Understanding was exchanged between AEEE & IIF forging long term relation to promote low carbon levers and other sustainable initiatives among MSMEs in the region. The MoU was signed by Dr. Satish Kumar (President and Executive Director, AEEE) and Shri. Saibal Sen (Chairman, IIF Western Region.)

Shri. Saibal Sen, Chairman, IIF Western Region welcomed all participants and very well-articulated the challenges and barriers faced by MSMEs in general and particularly for aluminum casting sector. Considering the growing cost of energy sources, he said the existence of MSME depends very much on reducing its manufacturing cost for which energy efficiency is one possible route. Further, he emphasized reducing carbon emission as moral duty of everyone for the healthy future of everyone including industries. He thanked AEEE and MSES for selecting Pune Aluminum casting as one of the clusters under the project and selecting IIF as local partner. He requested MSMEs to take maximum benefit of the AEEE presence.

Special Address

Sh. Shirish Pingale, Secretary IIF, Pune Chapter thanked the dignitaries, various resource person and the members for taking their time out and participating in this stakeholder consultation meeting. Emphasizing the need of more of such awareness creation and capacity building initiatives and assured AEEE of continues support from the association and its members. He suggested the participants to take maximum use of this opportunity by actively participating in the programme activities.

As token of appreciation, the dignitaries presented during the programme were felicitated with flower bouquet.

Technical Sessions

Project Background:

Mr. Mrinal Bhaskar, Expert – Industrial EE and Decarbonization at AEEE provided the project background to the participants along with the role of various project agencies including Government of Maharashtra, AEEE and MSES. In his address he shared the common traits of MSME in India and how they pose challenges for the adoption of energy efficiency measures in MSME. He described how the selection of 33 MSME clusters across Maharashtra was done to further evaluate them on various parameters and finally three MSME clusters have been identified to work with in current phase of project. He further briefed the participants about future project activities including technology demonstration for which a survey form has been provided in the workshop kit.

Technologies Identified for the Aluminium Casting Sector

Sachin Verma, Sr. Executive MS Energy Solutions started his presentation by providing information on how industries are contributing to Green House Gas emissions in India. He further highlighted the importance of Micro, Small & Medium Enterprises in general and their status in Maharashtra followed with importance of energy conservation in improving the bottom line of MSMEs.

In his address he shared the common traits of MSME in India and how they pose challenges for the adoption of energy efficiency measures in MSME. Mr. Sachin, during his presentation, highlighted how these challenges need to be addressed for increasing the uptake of energy efficiency and renewable energy in MSMEs. In this regard, he presented the list of energy efficient and decarbonization technologies identified as part of scoping study and is presented below:

- Energy Efficient Aluminium Melting Furnace – IGBT based
- Energy Efficient Aluminium Holding Furnace
- Energy Efficient Tower Furnace
- Thermal Innovative Coating (Nano Technology)
- Infrared Heater for Paint drying.
- Screw Air Compressor with Permanent Magnet Motor and VFD

- Thyristor control for precise temperature control.
- Energy Efficient Burners in Gas Fired Furnaces
- Industry 4.0 (Energy Management System)

Aluminium Melting Technologies

Mr. Jadhav Tushar, Head Business Development, Furnteck Engineers presented the various types of melting furnaces available and informed participants how to choose a furnace based on the applications. Further, he shared the industrial best practices related to operation and maintenance of furnaces which can lead to higher production and lowers operation cost including energy consumption.

Heat Resistance Coating for Furnaces and Ovens:

Mr. Prakash Narsinghani, Director, Venus Compressors Pvt. Ltd. Informed participants that air compressors with permanent magnet motors is an advanced equipment. Much like other AC motors, the permanent magnet motor harnesses the physics of electromagnetism to generate torque, and they do this by using permanent magnets (usually rare earth magnets) embedded in their rotor. They are usually 15-20% more efficient compared to other prevailing technologies as screw compressors with induction motor. and have pay-back period of around 2-2.5 years (depending on usages).

Instrumentation for Energy Efficiency:

Mr. Vishwas Kale, Director - Vijayesh Instruments Pvt. Ltd. presented how proper instrumentation can help increasing productivity and un-necessary energy losses in aluminium casting industry. Various types of automations presented during the programme include:

- Process Automation
- Machine Automation
- Material Handling Automation
- Quality Control Automation
- Dimensioning Automation
- Hazardous Process Automation

ESG – MSME perspective and opportunities:

Mr. Amresh Kumar Ray, Manager (ESG & Sustainability) Forvis Mazars informed participants about importance of ESG integration for MSMEs including understanding the Sustainability Frameworks and its implications for MSMEs and practical solutions available to MSMEs for effective ESG implementation. Embracing ESG initiatives could assist the industries in reducing their energy cost by implementing energy efficiency & renewable energy options. Through initiatives of efficient use of water and waste management methods, industries can achieve self-sufficiency and operational leadership

Industry 4.0:

Mr. Nilesh from Carbon Minus presented the web solution they are providing to address challenges related to increasing resource cost, increasing stringent environment regulations, growing demand for green products, and difficulties in integrating various green and sustainability issues. He further emphasized that their solution is not only monitoring and reporting tool, but it also comes with engineering support to identify the solutions.

Hydrogen as a future fuel in Pune:

Mr. Mateen Abdul, Grassroots Energy Pvt. Ltd. informed participants about the various activities/ initiatives being taken by government and other agencies for the development of hydrogen as fuel in various areas. He informed AEEE that Pune is identified as hydrogen valley in Maharashtra. He mentioned that hydrogen is considered as major fuel substitute to decarbonize aluminium sector which contributes 3% of the world's direct industrial CO₂ emissions. However, the current cost of

hydrogen generation, availability of technology and other logistic challenges such as storage, and transport of hydrogen makes it more suitable for large scale industries.

EE Financing Schemes:

Mr. Sanak Das, AGM – Pune BO in his address shared information on various financing schemes available for MSMEs in Patna and the procedure to avail those financing schemes. These schemes include End-to-End energy scheme (4E), SPICE, Green Finance Scheme offering concessional loan for adoption of cleaner and greener technologies, Partial Risk Sharing Facility (PRSF) providing guarantee coverage to banks for providing EE related loans etc. He further informed participants on how recently SIDBI has enhanced its focus of direct lending to MSMEs.

Vote of Thanks:

The workshop proceedings concluded with vote of thanks by Mr. Vishal Aggarwal Sr. Executive MSMEs wherein he thanked AEEE, for bringing such an initiative to Pune, IIF Western Region and Pune Chapter for their active participation, and technology providers for their presence and sharing information. He assured that AEEE will take all necessary actions to take this initiative forward for which he requested AEEE for their guidance and assistance.



9. IIF – Western Region conducted training program visit the foundry on under 'Urja Sanchay Project' by Mr. Shyam Kulkarni, Metallurgical Engineer & Senior Foundrymen, Pune at Ahmedabad Chapter on 24th September to 27th September 2024.

The Urja Sanchay Program, jointly organized by the Western Region and Ahmedabad Chapter of the Indian Institute of Foundrymen (IIF), has recently made a significant impact in Ahmedabad's foundry sector. Mr. Shyam Kulkarni, a Metallurgical Engineer and Senior Foundrymen from Pune with over 50 years of experience, visited several prominent foundries in Ahmedabad, including Lubi Industries LLP, Fitcast Founders & Engg, RBD Engineering, Grey Nodules Inductocast Pvt Ltd, TDC Alloys, Hariom Metal Cast, and Shubhlabh Castings LLP. These companies specialize in a range of different types of casting techniques, including CI, SG, Steel, and Investment-Shell mould castings.

During his visits, Mr. Kulkarni provided valuable insights into enhancing their melting practices, leading to significant cost savings. Foundry owners have reported monthly savings of lakhs of rupees thanks to the improved processes implemented through his guidance.

The feedback from the foundries was overwhelmingly positive, with owners expressing their appreciation for the initiative. Many suggested that IIF should organize a follow-up session within six months to further monitor and improve their practices.

Following the site visits, a technical seminar was held by the Ahmedabad Chapter, where many participants gathered to learn from the esteemed speaker. The event provided a platform for knowledge exchange and industry-specific insights, further enriching the foundry community in Ahmedabad.

After the technical seminar, Mr. Shyam Kulkarni was felicitated by the Ahmedabad Chapter Chairman for his tremendous support and contribution towards the success of this program.



10. IIF-Western Region along with Host Pune Chapter organized Tree plantation & half day Works Visit to Force Motors Limited, Foundry Division.

Mr. Manish Badoniya General Manager – Operations, welcomed officials of WR Mr. R. D. Dhumal, Chairman IIF, Pune Chapter, Mr. Ajay Yeole Vice Chairman & Mr. Rajendra Newadkar, Past Chairman of Pune Chapter so also around 20 persons mostly from Pune and some from Nagpur Chapter.

The Force Motors presentation by Mr. Badoniya, especially on foundry & machine shop provided some key insights about the Force Motors management culture, values, practices & products. The foundry team explained in detail about renovation & Upgradation of the foundry, which helped to reduce the rejection & improve the casting quality w.r.t. aesthetic & quality.

In addition, some major breakthrough improvements were done in terms of sand plant, core shop, productivity, quality, safety, health & environment in last couple of years were also highlighted. An actual demonstration of Safety on a moulding machine was given to the visitors on the shop floor which was very interesting and worth emulating by small and large foundries.

The level of cleanliness on shopfloor was excellent. The greenery, dust levels, air ventilation, illumination level, 5S are benchmarks to be followed by Indian Foundries & almost on par with some of international foundries. The team on the visit could easily make out the enumeration of the standards & processes those which were highlighted in the presentation given in the auditorium and as seen on the shop floor.

he team was able to enhance their knowledge after seeing some of the unique manufacturing practices like, green sand properties control, especially temperature, Darpa line safety mechanism, cylinder head core assembly.

The team was also impressed with all "White T shirt Uniform" for officials working on the foundry Shop floor, indicating the confidence in their clean & dust free shopfloor environment.

The team also get opportunity for the tree plantation in the foundry premises, which is a need to "Save Vasundhara".

They made very detailed presentation on company profile and processes, leading to various custom end products.

Mr. R. D. Dhumal felicitated Manish Badoniya with bouquets and memento.

After plant visit, lively Interactive questions / queries by inquisitive delegates were duly answered with through explanations during the technical open discussions.

The Company had provided pick up and drop from the security gate to the Foundry plant. The visit lasted for over 2 hours.

The WR is thankful to the officials and Management of M/s Force Motors, Pune.



12. IIF – Western Region conducted training program visit the foundry on under 'Urja Sanchay Project' by Mr. Shyam Kulkarni, Metallurgical Engineer & Senior Foundrymen, Pune at Vadodara Chapter on 11th November to 14th November 2024.

It is about time to upscale and sharpen the knowledge of our fellow foundrymen. As a part of Know How– Do How project of IIF Vadodara Chapter and along with IIF Western Region, we have organized "Urja Sanchay" program under which a team of Senior Foundrymen Mr. Shyam Kulkarni with his excellent knowledge of Induction Furnace, Refractory and Melting practices shall be visiting the foundries to guide the melt shop and foundry people on ways and means to produce more liquid metal at lower cost with, Power savings.

This is the right opportunity for us to groom and upgrade the knowledge of our staff with 1:1 interaction with the expert. This being an interactive workshop shall be only entitled to those who has registered for the program and the expert panel shall be visiting accordingly.



13. A Joint Work Visit Organised by Western Region with Greater Mumbai Chapter on Thursday, 17th October 2024 at Mahindra and Mahindra's Foundry in Kandivali Plant, Mumbai.

On October 17, 2024, a group of 20 enthusiastic delegates from Gujarat, Maharashtra, Madhya Pradesh, and Kolhapur gathered for an insightful work visit to Mahindra's foundry located in Kandivali, Mumbai. This visit was organized jointly by the Institute of Indian Foundrymen (IIF) Mumbai Chapter and the IIF Western Region, bringing together industry professionals eager to learn about advancements in foundry technology and operations.

• Arrival and Initial Briefing

The day began with delegates assembling outside the foundry gate at noon. The air was filled with anticipation as we prepared to explore one of the leading foundries in the country. Our first stop was the training center, where we were greeted warmly and provided with a debrief about the day's agenda. After a quick refreshment break, we divided into two groups to explore the various training centers within the foundry.

This initial exposure set the tone for the visit, highlighting Mahindra's commitment to education and training within the foundry sector. The training centers were equipped with modern facilities aimed at enhancing the skills of the workforce and ensuring that they are well-versed in contemporary foundry practices.

• Meeting the Plant Manager

A significant highlight of the visit was meeting Mr. Tom Thomas, the plant manager. He welcomed us and provided a comprehensive overview of the foundry's operations. Mr. Thomas discussed the various products manufactured at the facility, emphasizing the foundry's role in supporting Mahindra's diverse automotive portfolio.

The delegates engaged in a lively Q&A session, showcasing their curiosity and eagerness to learn from Mr. Thomas. His thorough responses shed light on the challenges and innovations in the foundry sector, reinforcing the importance of adaptability and technology in maintaining operational efficiency.

• Lunch at the 4x4 Canteen

After an enriching discussion, it was time for lunch. We headed to the foundry's canteen, aptly named "4x4," a nod to Mahindra's main marketing USP of manufacturing robust 4x4 SUV vehicles. The canteen provided a delightful array of meals, allowing delegates to relax and network with one another. This informal setting fostered camaraderie among the attendees, facilitating discussions on shared experiences and insights within the foundry industry.

• Exploring the Foundry Operations

Post-lunch, we finally ventured into the heart of the foundry—an experience that was both thrilling and educational. Our first stop was at the state-of-the-art Loramendi core-making machines, which were impressive not only for their technology but also for their investment; the setup cost upwards of 25 crores. Such advanced machinery signifies Mahindra's commitment to embracing automation and improving production efficiency.

As we toured the foundry plant, it became evident that cleanliness and organization were top priorities. The delegates observed the meticulous practices that ensured a safe and efficient working environment. One of the standout features was the melting and pouring area, where the pouring process was entirely automated with indigenously developed pouring ladles. This level of automation not only enhances productivity but also minimizes the risk of human error, a significant advancement in foundry operations.

• A Culture of Cleanliness and Automation

Throughout the tour, the delegates were consistently impressed by the cleanliness of the facility. Contrary to common perceptions of foundries being dirty and chaotic, Mahindra's foundry exemplified how modern technology and strict maintenance protocols can create a clean and organized work environment. This aspect was particularly eye-opening for many attendees, reinforcing the message that a foundry does not have to be synonymous with messiness.

The automation observed throughout the facility raised important discussions about the future of the foundry industry. As industries globally pivot towards automation, the insights gained during our visit underscored its necessity. The delegates left the foundry with a renewed understanding of how automation represents the key to the industry's future, enabling foundries to remain competitive and efficient in a rapidly evolving market.

• Closing Ceremony and Acknowledgments

As the visit drew to a close, we convened in a conference room for further refreshments and to express our gratitude to those who made this trip possible. Moments were presented to Mr. Sunil Sharma, Mr. Hemant Joshi and Mr. Bhaskar Magadi Foundry incharge for their efforts in organizing this enlightening event. Their dedication to fostering knowledge-sharing opportunities in the foundry sector is commendable and greatly appreciated by all participants.

• Conclusion: A Transformative Experience

In summary, the work visit to Mahindra's foundry in Kandivali was a profoundly informative and transformative experience for all delegates. It challenged preconceived notions about foundry operations and demonstrated that with the right approach, a foundry can indeed be a clean, efficient, and technologically advanced environment.

The insights gained during this visit will undoubtedly influence the delegates' future endeavors in the foundry industry. As we move towards a more automated and technology-driven future, it is clear Event.



14. Western Region conducted training program visit the foundry on under 'Urja Sanchay Project' by Mr. Anant Bam at Nagpur Chapter on 30th November to 2nd December 2024.

The IIF Nagpur Chapter, in collaboration with the IIF Western Region, organized an event titled "Urja Sanchay." The guest speaker for the event was Mr. Anant Bam, a BEE Certified Energy Manager and foundry consultant with 30 years of experience. During his visit, Mr. Bam toured several foundries, including Truform Techno products, Kapilansh Dhatu, Deepshika Castings, Shree Steel, and Ishan Castings. After two days of visits, Mr. Bam conducted a seminar focused on strategies for energy conservation in foundries.



15. A Work Visit Organised by Western Region with Pune Chapter on Thursday, 16th December 2024 at M/s Victory Precision Pvt Ltd & M/s Alpha Dies Pvt Ltd.

On 16th December 2024 a works visit was arranged to M/s Victory Precision which is a renowned foundry manufacturing aluminium castings. The castings are produced primarily by the Gravity Die Casting process and supplied to worldwide customers in fully machined condition. The 18-member team, comprising of representatives across western region, also visited M/s Alpha Dies and Patterns, a tool maker known for quality. The participants lauded efforts taken by IIF Western region and Pune chapter for arranging the visit.



Works visit to SAP Parts Pvt. Ltd.

There were 27 delegates who visited SAP Parts on 16th December, 2024.

The visit was very informative and SAP Parts showed their factory including testing facilities along with test rigs of their product to ascertain life of their products in stringent condition.



16. Leadcon 2024 organised by IIF-Western Region & Pune Chapter on theme "Improving Performance through Energy Conservation & Enhanced Productivity" on 16th December 2024 at Hotel Orchid, Pune.

Foundry CEOs Meet was organized by The Institute of Indian Foundrymen Western Region with Pune chapter on 16th December 2024, at Hotel Orchid, Pune. The Meet was highly successful. Foundry CEOs Meet is a unique platform for the captains of the foundry industry to meet and interact with various stakeholders, share knowledge and thoughts to formulate strategies for sustainable growth and development of foundry sector.

The Foundry CEOs meet was attended by more than 80 delegates from across the WR States including CEOs from various leading foundry units & material/ equipment suppliers, National Office Bearers of IIF.

This event offered an excellent opportunity for the Foundry Leaders, Chairmen, MD's, Presidents, CEOs and Executives of the Foundry Industries to connect, exchange ideas and stimulate discussions on the imminent challenges for prosperity and expansion of the Foundry sector. A great effort towards 'Horizontal Deployment'. The information disseminated was virtually like three concentrated capsules as Mr. Anirudha Kamdar, Managing Director of Kunkel Wagner expressed after the meet.

The event featured an address by the Chief Guest Padmashri Prataprao Pawar on the Global opportunities for the Foundry industry, followed by a technical and interactive discussion with Shri Pramod Kumar Singh -Director AEEE (Alliance for an Energy Efficient Economy) on Energy Efficiency and Carbon Footprint, further followed by a Technical talk by Shri Ashok Badve - Founder Proprietor UMAS on "Introduction to Creativity and Innovations in a Foundry" also highlighting his ideas to increase productivity through Woman power. Our President Mr Navneet Agarwal and Vice President, Mr Sushil Sharma graced the occasion. Mr Navneet Agarwal briefed the gathering about IIF and its activities. Mr Probal Sen, Past Chairman Pune Chapter and present NC and WR council member, as the Master of Ceremony, navigated the evening and Mr Sham Arjunwadkar, Mentor NCTS and present NC member offered the vote of thanks.

All the three addresses were directly in line with our theme for Wescon'24, 'Global Outreach, Expanding Frontiers, Expectations and Rewards', commencing the next day.

Many influential and highly successful Foundry Leaders who attended LeadCon '24 agreed that the talks were of high value and that even seasoned professionals were able to take home a few pointers.

The Foundry Industry contributes significantly to all the major Mechanical Engineering manufacturing and comprises mainly of the Ferrous and Non-ferrous or Aluminium sector. We at the Institute of Indian Foundrymen should be instrumental in uniting these Industries for collaborative growth. This also was one of the objectives of LeadCon '24, the Foundry Leaders Meet.

The Western Region as a leading producer with major Consumers in the Automotive, Tractor and Heavy Engineering sector plays a crucial role in shaping the future of the industry. It is therefore our responsibility at WR to take this forward and give as much impetus to the foundry sector of Western India, as much as possible.

LeadCon '24 formed a part of the 'WESCON 2024' at Pune, this year and I am hoping for it to be an Annual Event alongside Wescon every year.



• **Western Region & IIF Pune Chapter has organized a LADIES PROGRAMME for a group of Ladies.**

DAY- 1

Date: Tuesday, 17th Dec. 2024, TIME: 10.30 AM, Pick up @ Hotel Orchid, Pune.

1. Morning Session: Visit to OSHO INTERNATIONAL MEDITATION RESORT

Osho defines categorization. His thousands of discourses covering from the individual quest for meaning to the most urgent social and political issues facing society today. Osho's books are not written but are transcribed from audio and video recordings of his extemporaneous talks to international audiences. As he puts it, "So remember: whatever I am saying is not just for you... I am talking also for future generations.

Lunch: The Camden Lane or Sante Spa Cuisine, Koregaon Park

2. Shopping at Koregaon Park

DAY 2

Date: Wednesday, 18th Dec. 2024, TIME : 10.30AM, Pick up @ Hotel Orchid, Pune.

Visit to ZAPURZA MUSEUM OF ART & CULTURE

Zapurza is unique a platform for all kinds of arts and culture. It is a 'not for profit' organisation set up with a purpose of promoting and conserving Indian arts & art forms; and to reach out to the society, especially the children. It aims at promoting a sense of aesthetics in young minds by introducing various arts & culture of this country. Purpose of Zapurza is to use "museum as a learning resource" for all ages. We believe that Art is an integral part of human life and it enriches the lives of people through understanding & appreciating various arts & the cultural fabric.

All Ladies were gifted with token of love.



• **WESCON'24 organised by IIF Western Region, Pune Chapter & Indore chapter on 17th & 18th December 2024 at Hotel Orchid, Pune. Theme "Global OutREACH-Expanding Frontiers (Expectations and Rewards).**

Attendance - Record 263 delegates attended and the conference hall was totally packed right from the inaugural session up to the valedictory session, with lot of interactive sessions, focusing on the foundrymen's need to grow further and prepare for what lies ahead for the Indian Foundry industry for Global Outreach.

The vibrancy and energy level of this conference was on display with the introduction of the first ever WR Hall of Fame (Legacy of Western Region) and the IIF Centres of Excellence Lounge with participation by NCTS, FIC, NSDC and NCEP. The conference was spread across three days with the Conference inaugural day of the industry visits and Foundry Leaders Conclave alongwith the Wescon conference including an Exhibition of Foundry products and a sightseeing Spouse Program. IIF-WR Chairman, informed the delegates that they should also enjoy the humour gallery at the conference to relax their mind in the midst of serious technological discussions.

The conference focused on Export legal requirements, Decarbonisation strategies, High-Tech Technical Presentations and also included Kaizen Presentations, a Panel Discussion on Global OutReach for Export, and a Panel Discussion on IIF services and Membership growth.

WESCON was supported by the generous contributions from our Platinum (Event) Sponsors,

Vulkan Technologies Pvt. Ltd., Pune & Taural India Pvt. Ltd., Pune, Diamond Sponsors Feedchem (India) Pvt Ltd. Rajkot, Teknoseal Engineering Solutions, Pune, Metal Power Analytical Pvt. Ltd. Mumbai, Kunkel Wagner India Pvt. Ltd. Mumbai,

Gold Sponsors,

Ceraflux India Pvt Ltd, Kolhapur, Laempe India Private Ltd. Pune, Elkem South Asia Pvt. Ltd., Mumbai, Gargi Huttenes Albertus Pvt. Ltd., Mumbai &

Silver Sponsors,

Aras Metal Castings, Pune and Shree Satya Minerals Pvt. Ltd. Pune.

WESCON 24 was also supported by Plasma Induction (INDIA) Pvt. Ltd. Ahmedabad, Kastwel Foundries, Ahmedabad, DTS Analytical Instruments, Mumbai.

Inductotherm Group, Ahmedabad, sponsored the Delegate Kitbags for the conference.

The following companies displayed their products and services offered, in the exhibition area-

1. Taural India Pvt Ltd. Pune.
2. J K Precision & Tools, Pune.
3. Hitachi High Tech India Pvt Ltd., Singapore.
4. MPM Pvt Ltd., Nagpur.
5. Venus Compressors Pvt Ltd., Ahmedabad.
6. Alliance for an Energy Efficient Economy (AEEE), New Delhi.

The esteemed presence of chief guest Shri Bharat Gite MD & CEO Taural India Pune, WESCON OC Chairman & Guest of Honour Mr. Rajesh Mishra MD of Vulkan Technologies Pvt Ltd, IIF President Shri Navneet Agarwal MD of RBA Group Kolkatta, IIF Vice President Shri Sushil Sharma Technical

Director, Shamlax Metachem P.Ltd , added value to the conference. Mr. Saibal Sen, Chairman IIF-WR, CMD Teknoseal/ Impregseal group, Mr R D Dhumal Chairman Pune Chapter and Mr S S Saluja Chairman Indore Chapter briefed the august gathering about WESCON'24 and the planning that went behind organising the same.

Mr R D Dhumal, Chairman of Pune Chapter & WESCON 24 Convener, welcomed everyone and stated that the agenda over the next two days is a testament to the diverse and varied subjects covered at the conference, ensuring a good takeaway for all the delegates.

Chairman, IIF Western Region, Mr Saibal Sen extended a warm welcome to the dignitaries, delegates, invited guests and ladies and highlighted the uniqueness of Wescon'24. Sharing the Quotes of Mark Twain & George Jessels to the gathering, Mr Sen requested the gathering to bear with his impromptu address, expressing sincere appreciation to all the Sponsors, Exhibitors, Technical Presenters, Tech Mart Presenters and Panellists and others. The OC team including both WR staff and Pune Staff was also appreciated. WR Chairman also specified the two initiatives WR has organized the IIF "Centres of Excellence" Lounge where all the COEs could interact with the delegates about the services being offered & requested the gathering to enjoy the WR "Hall of Fame", displaying the legacy of Western Region. The two day conference was aligned to the theme of Global OutReach covering crucial topics on Carbon Foot Print, ESG, Green Initiative, Export Opportunities, CBAM, etc. Active participation from all the 8 chapters of Western Region making it, truly a regional event with maximum involvement in all the sessions. The exhibitors participating at the Exhibition had a good foot print at their stalls.

The presidential address given by Shri Navneet Agarwal highlighted the growth of IIF stating its purpose and the kind of activities and making its presence felt at other industrial associations as well. He shared the status and future of the Indian Economy emphasizing on strong outlook and bright future ahead for the foundry industry. He even mentioned that Indian foundry being the mother of all Industry, IIF plays a pivotal role to support various manufacturing segments of Automotive, Power, Defence, Railways, Infrastructure, Machine tools, Agro Industry etc.

He elaborated on the importance of all the 4 Centres of Excellence and their services to all the members. Speaking on the theme of Global OutReach and Expanding Frontiers, he mentioned it is the requirement of the day and demands for setting higher goals and working towards it with constant focus to make it achievable. Before concluding, he promoted the 73rd IFC at Kolkata and the associated IFEX, the upcoming Flagship event of IIF in Feb'25 at Kolkata.

OC Chairman & Guest of Honour, Mr. Rajesh Mishra, addressed the audience on "Export Buyers Expectations". To meet the expectations of export buyers and compete with China, Indian suppliers must emphasize cost-effectiveness, High-quality production, technological innovation, and sustainability. Offering flexibility in order size and exceptional customer service, combined with a focus on compliance and environmental responsibility will help foundries build strong presence in the global market and outpace competitors.

Chief guest Mr. Bharat Gite, addressed the gathering on "Elevating the Future: Aluminium as the Cornerstone of Next-Gen Innovation".

Late Mr. Shyam Karkhanis's Memorial Award", instituted by the Pune Chapter, for Best Foundry Worker was given to Mr. Rajendra Pandurang Kadam, from Mutha Founders Pvt Ltd, Satara by IIF President Mr. Navneet Agarwal.

Centre of Excellence Lounge was inaugurated by IIF President Mr. Navneet Agarwal accompanied by WR Chairman, Saibal Sen, IIF Vice President Sushil Sharma, Chief Guest Bharat Gite, Guest of Honour Rajesh Mishra, WR Office Bearers, Pune and Indore Chapter Core Committee Members and respected delegates. The team visited each and every Centre of Excellence, WR Chapter & Western Region corner in the Hall of Fame. The delegates interacted with Mr. Dayalan, Chairman NCSD, Mrs.

Anima Pande Director, NCEP, Mr. Sanjeev kumar Director, FIC & Mr. Kiran Sohoni, Director, NCTS representing the respective COEs and explained their vision of projects to all delegates. All the visitors appreciated the overall presentation and arrangement of the COE lounge. The display of memorable photos was a journey down the memory lane.

The Exhibition Hall was inaugurated by Mr. Rajesh Mishra, Chairman of the Organizing Committee. Total Six stalls were neatly designed and placed along with their products and services.

The Technical Sessions commenced at the conclusion of the Inaugural program.

First of its kind, a **Humour Gallery** was created using standees depicting Quotes of Humorous nature. This was an attempt to enlighten mood of all the delegates who had come. Many such unique ideas were showcased during Wescon 2024 thereby making the event spectacular.



Technical Session was started. First Technical paper was given by Mr. Nagesh Dhumma, Director, SCHAPENBERG INDUSTRIES GMBH on **Optimizing Export Strategies for the Indian MSME Casting Industry: Technical and Market Insights.** The presentation explores how the Indian Micro, Small, and Medium Enterprises (MSME) sector in the casting industry plays a pivotal role in contributing to the country's export economy. He also emphasized that despite its potential, this sector faces challenges in maximizing its global export footprint due to

- Technical limitations,
- Market access barriers
- Lack of export regulations and
- Fluctuating international demand.

The paper provided a comprehensive analysis of the strategies required to optimize export capabilities for the Indian MSME casting industry.

First Techmart was on Decarbonisation Strategies for Foundry Sector and presented by the team of following expert.

Mr. Pramod Kumar Singh, Sr. Director, Research & Programs AEEE
Mr. Prakash Narsinghani, Venus Compressors Pvt Ltd
Mr. Amresh Kumar Ray, Mazars Advisory LLP
Mr. Nilesh Shedge, Carbon Minus
Mr. Akshay Mangal, Board Air Conditioning India Pvt Ltd.

They mentioned that Energy efficiency is a vital strategic tool for India's Nationally Determined Contributions (NDCs)

- Reduce carbon intensity by 45% by 2030 from the 2005 level
- Achieve 50% non-fossil generation capacity by 2030
- Transition to net zero by 2070

Each one said how to achieve the above-mentioned goals in the foundry sector.

Second Technical paper after lunch was given by Mr. Amar Gharmode, GM Technical, Ceraflux India Pvt Ltd., Kolhapur on Carbon Footprint reduction by adopting Eco-friendly manufacturing processes and futuristic Techniques. Adopting granulation process in place of highly corrosive and polluting melting process, CERAFLUX is one step ahead to cope up Carbon Footprint reduction targets.

Use of Aluminium Zirconium master alloy in the production of All Aluminium Alloy conductor wires, which replaces traditional Aluminium Conductor Steel Reinforced wires.

Huge saving in the infrastructure cost, high temp. resistant and high current carrying capacity makes AAA conductor wires efficient option to cope up the future electricity requirement.

Presentation by Vulkan Technologies Pvt Ltd. Pune. Mr Kalpesh Gupta (Sr Manager- EHS)

During presentation Mr Gupta explored the multifaceted sustainability initiatives undertaken by Vulkan Technologies, highlighting their commitment to energy efficiency, water conservation, and waste management. Vulkan Technologies has embarked on a comprehensive sustainability journey, implementing practical measures that not only reduce their environmental footprint but also contribute to long-term economic viability and promoting green building practices. By harnessing advanced technologies, adopting renewable energy sources, implementing water reuse strategies, and innovating in waste reduction, Vulkan Technologies has demonstrated its dedication to sustainable practices.

Panel Discussion (IIF) Services and Membership OutReach

Moderator Mr. Sham H. Arjunwadkar, Mentor, IIF-NCTS.

IIF President Mr. Navneet Agarwal

IIF Vice President Mr. Sushil Sharma

Past IIF President Mr Amish Panchal

NC Member Mr N Gopal

WR Chairman Mr Saibel Sen

Chairman NCSD Mr. Dayalan,

Director, NCEP Mrs. Anima Pande,

Director, FIC Mr. Sanjeev Kumar

Director, NCTS Mr. Kiran Sohoni,

All COE directors, along with IIF dignitaries, described and explained the various activities, support, and services provided by all COEs and the Institute of Indian Foundrymen.

Tech Mart: Mr. Ashok Vishwakarma, Group Managing Director, of MPM Pvt Ltd.

Gave presentation on High performance Bentonite. Sustainable Coating for improving inner surface finish in critical automotive Casting. Process optimization through Data analytics.

The latest trend on the development of high-end components and technology to produce defect-free casting and exclusive case studies by **Mr. Swapan Kumar Biswas**, Technical Manager, **ELKEM South Asia Pvt. Ltd.** Mumbai.

Mr Biswas talked on S G Iron casting production. A case study on New Generation Cover Material for S G Iron Treatment, ways to improve Mg recovery.

Mg recovery can be improved by focusing on-

- Alloy storage
- Base Sulphur Level
- Ladle design & use of a tundish cover
- Metal Temperature
- Alloy sizing & Alloy cover Material.

Tech Mart: Mr Anirudha Kandekar – Sr Manager (Sales & Technical), FORACE Speciality Chem (P) Ltd, Haridwar. Master's in Manufacturing & Industrial Engineering from IIT Kharagpur.

Tech Mart **Topic: New product introduction of Exothermic & Insulating Sleeves with better quality, consistency & price.**

He said that they have created FOREX and FORIN sleeves as a new product line.

Features of FORACE sleeves: FOREX and FORIN sleeves have all of the characteristics of precision sleeves, such as sleeve design, optimal dimensions, superior packing, and a diverse product range. Better performance than the next best competitor's sleeve at a competitive price.

Advantages of FORACE sleeves: Higher yield than traditional sleeves due to decreased metal volume. Less contact area for knockout and fettling. Consistent performance.

In the Evening Delegates participated in Networking Gala Dinner with live music.

Day 2: Technical Session started with **Optimization of Chemical composition and process parameters of Ni hard cast iron to increase wear resistance** by Mr. Prasad Kulkarni, Managing Director, SAP Parts Pvt. Ltd. Sanaswadi Pune

Pannel Discussion on Global OutReach – Export

Moderator- Mrs. Anima Pandey, Director, IIF-NCEP.

Mr. Sumit Verma, Chief Sales Officer, Metal Power Analytical Pvt. Ltd., Mumbai

Mr. Jitendra Lakhotia, CEO, Aakar Foundry Pvt. Ltd., Pune

Mr. Sagar Kaushik, MD, Victory Precisions Pvt Ltd

Mr. Prayut Bhamawat, Technical Director, Mangalam Steel cast Pvt. Ltd., Vadodara

Mr. Prasad Kulkarni, MD, SAP Parts Pvt. Ltd., Pune

73rd IFC/IFEX Promotional video was shown in the conference hall for the benefit of all delegates.

Kaizen Presentations was presented by the below companies which was very well explained & executed by the members.

1. Vulkan Technologies Pvt Ltd. Pune – Mr Indrajit Jadhav (BE Mechanical & MBA, 24 Years exp)
2. Force Motors, Pune - Mr Jaysingh Patil & Team
3. Aakar Foundry Pvt. Ltd. - Mr Narayan Wadekar (GM Manufacturing)
4. Mahindra & Mahindra Ltd., Foundry, Mumbai - Mr Heman Kumar Joshi, (Manager Mani.)

Judges for the Kaizen presentation were-

1. Mr. Prayut Bhamawat (Technical Director, Mangalam Steelcast Pvt Ltd., Vadodara)
2. Mrs. Anuja Sharma (Director - Shamlax Meta- Chem Pvt. Ltd. Nagpur)
3. Mr. Manish Patrikar (Director ASK Chemical, Pune)

The judges questioned a few of the contestants, and after some discussion, Force Motors of Pune was named the best Kaizen presentation company. Mr. Jaysingh Patil and the team from Force Motors were presented with a bouquet of flowers.

Tech Mart : Dr. Arun Kannath, Head of Research & Development at Metal Power Analytical Pvt. Ltd. Mumbai.

Topic: Driving Innovation in Arc/Spark OES Technology: What it Takes to Deliver Excellence?

The talk showcased how Metal Power Analytical has been spearheading innovation in OES technology in India by citing various examples spanning multiple knowledge domains, such as optics, software, application logic, and mechanical design.

The presentation then deep-dived into a specific challenge, such as accurately determining Carbon in Cast Iron, to demonstrate MPA's expertise and confidence in developing innovative and practical solutions to overcome real-world problems.

Dr. Rajesh Goel, Vice President (Business operation) UNO Minda Ltd. gave presentation on **"The Role of Legal Compliance in Foundry - Focus of ESG.** Environmental, Social, and Governance (ESG) criteria have become increasingly important in the corporate world, reflecting a growing awareness of sustainability and responsible business practices. In the context of India, this article aims to comprehensively analyze the initiatives undertaken by Indian companies to incorporate ESG principles into their operations

Presentation on Urja Sanchay: The main aim of this presentation is to enhance the productivity & efficiency of melting operations, leading to significant reduction in electricity bills, it definitely helped us in discovering the strategies to boost productivity & achieve energy savings & lower electricity cost by Mr. Shyam Kulkarni, Foundry Consultant & by Mr. Anant Bam, Foundry Consultant, Pune.

Debate on Sustainability through small skit by Students of Govt. College of Engineering, Shivajinagar, Pune was presented. All are 3rd Year students of Metallurgical Engineering department, Mr Harshvardhan Ligade Miss Tanaya Gowardhan & Mr Jugnu Baldota participated and presented the same.

Mr. Mahendra from Hitachi High-Tech India Pvt Ltd gave the presentation on Materialistic analysis & Spectrometer.

Transformation in Aluminium industry and challenges there on was presented by Mr. Vipul Shah, COO Versatile Alucast Pvt. Ltd. Kolhapur.

Ms. Manisha J Nene, PhD, Head CSE, DIAT, DRDO, gave presentation on knowhow & Utilization of AI & ML to meet new challenges and success!

Artificial Intelligence (AI) and Machine Learning (ML) are transforming traditional industries, and the foundry sector is no exception. This paper explores how AI/ML technologies can revolutionize foundry operations by optimizing processes, reducing defects, improving quality, and enhancing predictive maintenance etc. This presentation helped to gain insights into real-world applications, such as automated defect detection, predictive analysis of casting quality, energy optimization, and supply chain efficiencies. By bridging traditional practices with cutting-edge innovation, this paper presents how foundries can stay competitive, drive sustainability, and unlock unparalleled value in the era of smart manufacturing.

Presentation by Mr Rajkumar Bajaj for Diabetes Mukh Bharat (DIMBHA), Pune

Rajkumar is an accomplished health education leader with over 17 years of experience in the healthcare and education industry. He is the Executive Director of DIMBHA Foundation & founder and director of Weisheit Group of Companies and WW Clinics Pvt Ltd, a non-profit organization that aims to create a Diabetes Mukh Bharat (DIMBHA) by 2047, by providing access to wisdom and education on lifestyle disease prevention and reversal to billions of health seeker.

2nd Day was ended with Award Ceremony in which sponsors were felicitated for their kind support, also all the 8 chapter chairman of WR for their continuous contribution towards welfare of members of IIF and Foundrymen in general. All the OC Committee members for their endless efforts for WESCON 2024. Felicitation of WR & Pune Staff for backend support.

WESCON 2024 - Inaugural



WESCON 2024 - Hall of Fame



WESCON 2024 – Exhibition Stall



WESCON 2024 – Panel Discussion



WESCON 2024 – Technical Presentation



WESCON 2024 –Kaizen Competition



WESCON 2024 – Karkhanis Award



WESCON 2024 – Delegates



17. IIF – Western Region conducted training program visit the foundry on under 'Urja Sanchay Project' by Mr. Shyam Kulkarni, Metallurgical Engineer & Senior Foundrymen at Rajkot Chapter on 02nd January to 5th January 2025

The main aim of this project is to enhance the productivity & efficiency of melting operations, leading to significant reduction in electricity bills. During this project IIF expert Mr. Shyam Kulkarni shall visit each chapter in WR for a 4 hours training / assessment session.

This initiative started from IIF Rajkot Chapter. On 02nd January to 5th January 2025 Expert from IIF Western Region Mr. Shyam Kulkarni visited Steelcast Limited, Gautam Techno Cast, Impulse Technocast LLP, Kotecha Steel Forge And Cast Industries Pvt Ltd., Acast Foundry Pvt Ltd., Shining Engineers And Founders Pvt Ltd., Puja Auto India & Atul Precision Cast Pvt. Ltd.,

He visited to melt shop for observations, study the existing Melting practices & checked all records. He takes class room training with all the persons related to melt shop & gave the suggestions. And in last session of question & answers the expert clarified all the queries & doubts.

Technical seminar was organized on Best Practices for Lining and Melting for Induction Furnace at Rajkot Engineering Association with almost 35 members attended the seminar to take the benefit.

All the visited foundries well appreciated this initiative by IIF Western Region.

Some foundries informed us that the Urja Sanchay Project will definitely help us in discovering the strategies to boost productivity & achieve energy savings & lower electricity cost.



18. IIF Student Chapter, PCCOE (Pimpri Chinchwad College Of Engineering) has been officially inaugurated on Friday, 24th January 2025, at LRDC Hall, 4th Floor, Mechanical Building, PCCOE, Pune.

Many authorities from IIF - Pune Chapter and Western region have graced the occasion with their presence.

The following points are the minutes of the meetings:

1. Welcome and Opening

- The meeting began with a warm welcome from the hosts, followed by a deep prayer.
- The dignitaries from IF Pune Chapter and western region, were introduced and formally welcomed.

2. Introduction to IIF and its Activities

- Mr. R. D. Dhumal Sir (Chairman, IIF Pune Chapter) provided an insightful introduction to the Indian Institute of Foundrymen (IIF), emphasizing its role in bridging the gap between academia

3. Transfer of Batons

- The batons of responsibility and authority were handed over to the newly formed IIF Student Chapter, PCCOE office bearers. As follows
- Chairman: Mr. Lalit Jadhav
- Vice Chairman: Samurddhi Aher PCCOE
- Secretary: Miss. Shrushti Deore
- Treasurer: Anirudha Kulkarni
- Faculty Coordinator: Dr. Rahul Mali
- Mr. Lalit Jadhav, Chairman of the PCCOE IIF Student Chapter, delivered a address, outlining the chapter's goals, possible initiatives and expectations from IIF followed by thanking the IF and PCCOE authorities for providing sound platform to the students.

4. Address by Dignitaries:

- Dr. Pravin Kale, Head of the Mechanical Engineering Department, discussed the importance of industry-academia collaboration and encouraged active participation from students.
- The HOD address was followed by an inspiring and insightful speeches delivered by Mr. Ajay Yeole Sir (Vice-Chairman, IIF Pune Chapter) and Mr. Shirish Pingale Sir (Treasurer., IIF Pune Chapter) and Mr. Probal Sen (Member IF National Chapter). The students really surprised to know the facts and figures put by the speakers about the foundry business statistics across the globe and India, China's share in it and contribution of mechanical engineers in foundry.
- Mr. Saibal Sen Sir (Chairman of the IF Western Region), highlighted the latest advancements in the foundry industry. He also insisted for the micro planning to execute meaningful partnership between foundry industry.

5. Q & A Session:

- Attendees engaged in an interactive Q&A session, leading to discussion on diverse fields of foundry industries as mentioned below and gained valuable insights from the experts.
 - Impact of AI
 - Sustainable development
 - Casting impregnation etc.

6. Valedictory and Conclusion:

The meeting concluded with a Vote of Thanks by Miss. Srushti Deore, Secretary of the PCCOE IIF Student Chapter. A function is concluded with a group photo followed by the refreshments to all the participants.



19. Inauguration program of A COEP-IIF Students Pune Chapter held on Thursday, 6th February 2025.

A COEP-IIF Students Pune Chapter, has been officially inaugurated on Thursday, 06th February 2025, at 3:30 pm. Many authorities from the Western region & IIF Pune Chapter, with Department faculties and students, have graced the occasion with their presence. The dignitaries from IIF Pune Chapter and western region, were introduced and formally welcomed by Dr. Manisha Kulthe-Hargude, Head. Department of Metallurgy and Materials Engineering, COEP Technological University, Pune.

Mr. R. D. Dhumal (Chairman, IIF Pune Chapter) provided an insightful introduction to the Indian Institute of Foundrymen (IIF), emphasizing its role in bridging the gap between academia and the foundry industry by providing summer internships, Industrial visits and expert lectures etc. The formal transfer of responsibilities took place, appointing new office bearers for the IIF Student Chapter at COEP, with Mr. Harshvardhan Ligade as Chairman, Mr. Anuj Dahiwal as Vice Chairman, Mr. Sahil Yadav as Secretary, and Mr. Aditya Dalvi as Treasurer. Dr. Manisha Kulthe, Head of the Department of Metallurgy and Material Engineering, discussed the importance of industry-academia collaboration and encouraged active participation from students. Mr. Harshvardhan Ligade, Chairman of the COEP- IIF Student Pune Chapter, delivered an address, outlining the chapter's goals, possible initiatives and expectations from IIF followed by thanking the IIF and COEP authorities for providing sound platform to the students.

Mr. Saibal Sen – Chairman, IIF Western Region highlighted the latest advancements in the foundry industry. He also insisted on micro planning to execute meaningful partnership between academia and foundry industry. The students really surprised to know the facts and figures put by the speakers Mr. Sambhaji Pawar, Former General Manager – Tata Motors about the foundry business statistics across the globe and India. He also emphasized learning continuously from all fields of Engineering not only from Metallurgy but also from Mechanical and allied branches. They must have knowledge of Drawing, basics of Finance, planning etc. Attendees engaged in an interactive Q&A session, leading to discussion on diverse fields of foundry industries as mentioned below and gained valuable insights from the experts. The meeting concluded with a Vote of Thanks by Mr. Sahil Yadav, Secretary of the COEP- IIF Student Pune Chapter. A function is concluded with a group photo followed by refreshments to all the participants.



20. Western Region conducted training program visit the foundry on under 'Urja Sanchay Project' by Mr. Anant Bam at Greater Mumbai Chapter on 18th March to 21st March, 2025

The IIF – GMC, in collaboration with the IIF Western Region, organized an event titled "Urja Sanchay." The guest speaker for the event was Mr. Anant Bam, a BEE Certified Energy Manager and foundry consultant with 30 years of experience. During his visit, Mr. Bam toured several foundries, including M/s. Aneya Foundry Pvt. Ltd., M/s. Palm Alloy Steels, M/s. Superkino Equipment Pvt. Ltd., M/s. Kumud Metal Foundry Pvt. Ltd. & Shree Maa Engineering. After four days of visits, Mr. Bam conducted a seminar focused on Energy Conservation Opportunities for manufacturing.

Lecture conducted at Gowalis Industries Association at Vasai, where about 30 participants attended the lecture. Since majority of audience was from non-foundry category, the subject was modulated to "Energy Conservation Opportunities in Manufacturing".

Various conditions of key equipment were explained and on the spot analysis of electricity bills was performed. Session was very interactive and members expressed their satisfaction about the content and resolutions of queries.

Special thanks are due to Gowalis Industries Association and Mr. Grover for the venue arrangements.

This project could not have been possible without active support of our Honorary Treasurer Ms. Ruma Kinariwala Rao. She helped me in complete planning and logistics.

Special thanks to Daka Monolithic for sponsorship. They also presented their capabilities during the lecture.



21. IIF – Western Region conducted Inter Region Work visit under Knowledge Sharing Project Prayaas on 24th March, 2025.

The team of 30 -delegates from IIF all Four Region were welcome by WR Chairman Mr. Saibal Sen at meeting point Hotel ORCHID Pune. Snacks Box and Bottle of water with Folder assembled with IIF details and Pen and Notepad with a sports white cap with Prayaas logo was handed over as memento to each delegate.

The Team visited **Tata Motors**, Maval Foundry Division at Bebed Ohol, Taluka Maval near the team was welcomed by Mr. Vivek MULYE (Head – Foundry) alongwith 4-5 production executives in the conference room.

The Foundry is producing mainly S. G. Iron (Ferrous castings) and has rated capacity of 17000 MT per annum. The foundry is spread on 20-acre area out of which 8 acre is built up and is having strength of 175-200 Nos. of administrative staff & works operators.

It supplies castings to all engines-assembling plants of Tata Motors across India as well as Dana Spicer and Fiat, located @Ranjangaon near Pune-Maharashtra.

The Products include Steering housing, RA housing, Stub axle, Variety of Brackets, Ball head housings & Si-Mo Grade Exhaust Manifolds.

The grades produced in Foundry Works range from SG400/12 to SG700/2 and FG260 for few Gear box housings.

The foundry is certified for Quality, Safety, Environmental Aspects from external Quality Audit Agencies like BVC.

Tata Motors also conducts variety of CSR activities around Bebed Ohol village & Maval Taluka area, and supports overall development of the surrounding located society.

The visit ended with ice-cooled buttermilk and rounded bhaji & green chutney snacks arranged by Tata Motors-HR Division.

Pune Chapter Chairperson Mr. Ramchandra DHUMAL felicitated Mr. MULYE with a floral bouquet and IIF-memento.

On 24th March 2025, Pune Chapter in association with Western Region organized a visit to **Aakar Foundry Pvt. Ltd.** situated at Talegaon-Dabhade, near Pune. Team of 30 members from Foundry Fraternity across all Four Regions were welcomed by CEO Mr. Jitendra Lakhota with his son Bhagyesh-Marketing Mgr.-J K Precision & Tools & their executive team.

They made a very detailed audio-visual profile presentation of the company and its various processes & practices. WR Chairperson Mr. Saibal Sen appraised them with a floral bouquet and IIF-memento.

Facilities are well-equipped to offer serial production of critical Aluminium castings; with some verities as import substitutes; which include HPDC, LPDC, GDC, Prototyping and Powder Coating solutions. Offers a wide portfolio of critical castings ranging from 50gm to 30kg, serving to diversified industries through optimum processes in automotive as well as non-automotive sectors; incorporating Global Quality Standards; thus, being one of the country's most promising solution providers for aluminium castings for global OEMs.

State-of-the-art Manufacturing Facility spread across 8 acres of land near Pune. Built-up plant shed 80,000 sq.ft.+25,000 sq. ft. basement for casting machining, die and tool manufacturing facility. Highly experienced production engineers serve to achieve global competitiveness. Visiting members, curious to know about the efforts put in while creating facilities

The visit included in-house yummy lunch in canteen mess. Interactive technical questions-answers exchanges & relevant discussions were held during afternoon works round trip. Mr. Lakhotia also specially leads all thru their unique GOSHALA supporting 25+ local breed Desi cows.



22. Report on networking dinner & Get-together at Della Resort-Lonavala on 24th March 2025.

After a long and tiring day, the delegates assembled at the venue for evening function. The session was started by Mr. Saibal Sen (WR-Chairman) who welcomed all the delegates and introduced Mr. D G Benakappa from Southern Region as the guest of honour for the evening.

Mr. Saibal Sen spoke at length about Project Prayaas. More so, about its beautiful logo which is the infinity sign. Its meaning and significance were duly explained by him, with importance for the Project. A relevant detailed brochure was inserted in the Kit Bag given to each delegate; which elaborates about worldwide collaborations fuelling overall progress through a bridge connecting minds and opportunities; thereby insinuating infinite possibilities through networking and knowledge sharing. The symbol of infinity represents endless opportunities and continuous growth. The diverse minds of various members coming together from 4 Regions-ER, NR, WR and SR bring unique expertise and experiences. The project incorporates dual focus of composite factory visits and organic flow of networking; reinforcing spirit of collaboration and shared learning amongst diversified IIF-members. 'The more we connect, the more we grow'; thus, standing for movement towards boundless innovation.

Mr. Newadkar, Chairman-NCTS, Pune spoke about the role of NCTS in helping foundrymen resolving their foundry related issues. He also explained about the Free-of- Cost Simulation software services provided by NCTS Pro Bono. At conclusion; he quoted "We will come to you foundrymen to solve your problems; you need not come to us".

Despite urgent work commitment; Mr. Benakappa appreciably encouraged Project Prayaas venture launched under the function. He was all praise for Tata Motors foundry; especially pollution reducing continuous efforts showing environmental control concerns; while operating S G Iron treatments remarkably; duly demonstrated to the delegates. His eloquent praise for Aakar Foundry with special mention to its co-operative inter-personal relationships showcasing exemplarily good lessons in Human Resource Management under the aegis of Mr. Lakhota.

Mr. Shyam Arjunwadkar, NCM and past Chairman-NCTS talked about its longtime service journey to foundry fraternity since inauguration at Pune 40 years ago, as one of the then four IIF-Centres of Excellence. He elaborated on benefits of becoming IIF-member. He mentioned about the Coffee Table Book edited by him titled 'Compendium of Foundry Technology' and urged members to own it and read for references.

Mr. Probal Sen, WR- council member also gave his inputs on Project Prayaas.

Mr. Ajay Yeole, Vice Chairman-PC proposed vote of thanks. This was followed by gala networking dinner, with informal discussions amongst various delegates



23. Western Region conducted training program visit the foundry on under 'Urja Sanchay Project' by Mr. Anant Bam & Mr. Shyam Kulkarni at Pune Chapter on 26th March to 31st March 2025.



24. Technical Seminar was organised Jointly by IIF Western Region & IIF Pune Chapter On 15th April, 2025 at PYC Hindu Gymkhana, Pune.

Chairman R. D. Dhumal welcomed the speaker with a bouquet of flowers and Past Chairman Probal Sen gave a brief introduction of the speaker Mr. Shashank Agrawal, a Metallurgical Engineer from 2010 batch, currently serving as Manager Sales and Marketing at Oritech Solutions.

Mr Shashank explained to the Audience, on the advantages of the Melting Furnaces produced by Oritech, a pioneering company at the forefront of manufacturing IGBT based induction melting equipment.

This was followed by a talk on the Subject "Energy Efficient Way of Melting by Mr. Shyam Kulkarni, Metallurgical Engineer & Senior Foundryman, Pune Associated with foundry industry since 1972. He explained on how to operate the Melting Furnace in the most efficient way.

The chapter members actively interacted with speakers about various aspects of Furnace and Melting Process.

IIF Western Region Chairman Mr. Saibal Sen & IIF Pune Chapter Chairman Mr. R. D. Dhumal felicitated the speaker and Secretary Mr. Shirish Pingale proposed vote of thanks.

The entire Urja Sanchay Program was Sponsored by DAKA & Technical Seminar was sponsored by Oritech.



25. Successful job fair was conducted by IIF - WR jointly with Pune Chapter & Pimpri Chinchwad College of Engineering (PCCOE) on 19th April, 2025 at PCCOE, Nigdi, Pune. We got a very good response for this Job Fair.

Around 2,888 students have registered online for the Job Fair. Out of these registered students, 222 students participated in the Job Fair on 19th April 2025 at PCCOE, Nigdi, Pune.

Around 33 companies have shown interest in participating in the Job Fair. Out of those, 23 companies participated in the Job Fair at PCCOE.

IIF-WR with Pune Chapter & PCCOE sponsored morning tea, Lunch & high tea for Students, Company members & volunteer of the College.

It was a successful event, and these 23 companies recruited around 134 students. They have also kept around 38 students on the waitlist. Some of the snapshots of the event are attached herewith.

IIF PCCOE Job Fair 2025			
Company SELECTION / WAITING Sheet			
Sr. No.	Name of Organization	SELECTED STUDENTS	WAITING
1	Metal Impregnations (India) Pvt. Ltd.	4	0
2	Pahwa Metal Tech Pvt Ltd	3	0
3	Teknoseal Engineering Solutions	0	0
4	Ajay Syscon Pvt. Ltd.	15	1
5	Siddhi Ferrous Private Limited	9	0
6	Aneya Foundries Pvt. Ltd.	0	14
7	Smart Foundry Pvt. Ltd.	3	2
8	Techsense Engineering Services	4	0
9	Aakaar Foundry Pvt. Ltd.	5	0
10	Alpha Dies & Pattern (I) Pvt. Ltd.	0	3
11	Ganraj Ispat Pvt Ltd	3	0
12	Piaggio Vehicles Pvt Ltd, Baramati, Pune	2	0
13	BVG India	0	0
14	Super Auto India Ltd	3	1
15	Hitachi Astemo fie private limited	11	2
16	Taural India Pvt. Ltd.	4	2
17	Vatpal Industries Pvt Ltd	0	4
18	CNH Industrial India Pvt Ltd	0	0
19	Radheya Machining Ltd	10	7
20	Jaya Hind Industries	18	1
21	Jolster Industries Pvt. Ltd.	32	0
22	Givven Logistics Pvt. Ltd.	0	0
23	KSPG Autoin Pvt. Ltd. LTD.,	8	1
TOTAL		134	38



26. Western Region conducted training program visit the foundry on under 'Urja Sanchay Project' by Mr. Shyam Kulkarni, Metallurgical Engineer at Kolhapur Chapter on 02nd May to 7th May 2025



27. Western Region, in collaboration with the Greater Mumbai Chapter, hosted the Global Casting Sourcing Meet (B2B Meet 2025) exclusively for the benefit of the foundries on 12th May 2025 @ Hotel Ginger, Mumbai.

It was a full day event from 9.00a.m. to 6.30p.m. The event drew approximately 50 -55 delegates including Buyers & Sellers and was inaugurated at the beginning with the lighting of the lamp.

GMC Chapter Hon. Secretary Mr. Ian did the MOC for the day and Welcome address was given by GMC chapter Chairman Mr. Sudeep Shah.

Next Mr. Ian Invited Mr. Saibal Sen WR Chairman who addressed the gathering on the importance of such a meet.

Mrs. Ruma Rao the event Convenor also addressed the gathering, She was the person who took the initiative two years back with Mrs. Anuja Sharma, Mr. Prayut Bhamawat & now with WR chairman Mr. Saibal Sen. She mentioned it was a new version of the Buyer-Seller Meet.

Next all the buyers presented their company profiles and requirements by sharing the Presentation:

- LCB Sourcing: Mr. Ajay Shinde.
- Schapenberg Indst., GMBH : Mr. Nagesh Dhumma
- Arthtech Consultants Pvt Ltd : Mr Shirish Bokil
- CAB Worldwide: Mr. Rohan Hande
- Consultant Pumps and Valves: Mr. S.L. Abhayankar
- Karan International: Mr. Kangralkar

Later, All the Buyers & Sponsors were felicitated by WR & GMC Chairman with WR Hon. Secretary

Hon. Secretary of Mr. Ian Nazareth finally gave vote of Thanks.

After Lunch break the important part of the event One on One interaction between the buyers and sellers started with a 15-minute slot each per foundry.

The meeting of the buyer and seller was well organized in one hall, with all 6 buyers in same hall.

The Program went smoothly as all the Buyers & suppliers were happy after.





MEMBERSHIP GROWTH OF ALL THE CHAPTERS & REGION:

Membership strength as on 01.04.24= 998

Membership strength as on 31.03.25= 1196

19.83% growth in the year 2024-25

Membership as on 01.04.2024

REGION	CHAPTER	LM	AM	<===== INDUSTRY MEMBERS =====>						M	SM	FEL	TOT
				2R	4R	7R	10R	13R	16R				
<u>WES</u>													
	AHM	27	1	13	7	5	5	2	9	45	2	4	120
	BAR	68	0	10	10	2	5	4	2	17	45	1	164
	GBM	15	2	20	19	5	14	4	7	59	1	4	150
	IND	8	0	11	4	1	2	1	2	48	0	0	77
	KOL	5	0	15	12	5	4	2	6	134	0	2	185
	NAG	19	0	8	3	3	2	3	6	10	0	0	54
	POO	16	2	8	13	9	6	2	9	53	1	2	121
	RAJ	40	2	41	10	8	4	1	0	20	1	0	127
	TOTAL	198	7	126	78	38	42	19	41	386	50	13	998

Membership as on 31.03.2025

REGION	CHAPTER	LM	AM	<===== INDUSTRY MEMBERS =====>						M	SM	FEL	TOT
				2R	4R	7R	10R	13R	16R				
<u>WES</u>													
	AHM	24	1	25	7	4	4	3	10	63	1	4	146
	BAR	68	0	13	11	3	5	3	2	14	47	1	167
	GBM	13	0	25	19	10	13	3	8	50	1	4	146
	IND	8	0	10	5	1	1	0	3	54	52	0	134
	KOL	5	0	14	12	7	3	2	7	136	1	2	189
	NAG	18	0	7	4	2	3	3	6	10	0	0	53
	POO	16	2	11	14	12	7	2	11	63	92	2	232
	RAJ	39	0	43	9	9	4	1	0	21	3	0	129
	TOTAL	191	3	148	81	48	40	17	47	411	197	13	1196

SUPPORTERS:

By the generosity of the supporters, Western Region could do so many new and different activities. WR council is thankful to all its supporters.

N. D. Desai Regional Award the following awards were presented during WR Annual Regional Meeting.

- **Best Chapter of IIF – WR for the year 2024-25 to - Pune Chapter.**
- **Membership Growth Large Category Award of IIF – WR for the year 2024-25 to - Pune Chapter.**
- **Appreciation Award of IIF – WR for the year 2024-25 to - Vadodara Chapter.**

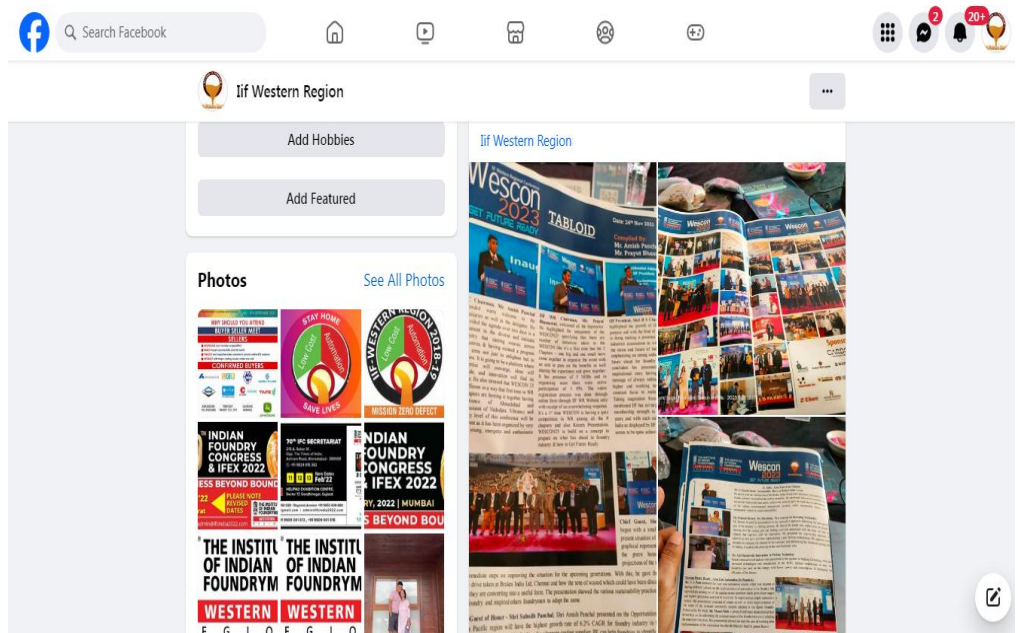
Administration:

- Region conducted 07 Council meetings
- 64th Annual General Meeting for the year 2024 – 25 of the Western Region will be held On 11th June at The Lagoon Resort, Lonavala.

Daily News Letter

- **3703** issues complete
- **Daily Pour** has circulation base of more than **1500** members.
- We thank you all our Sponsors

IIF-WR on - 178 Members



 **Thank You** 